



What becomes learnable and teachable with digital technologies?

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## 4 challenges

culture & collaboration

curriculum

complexity

creativity

## culture & collaboration

- ICT is only a 'thing' in education!
- revolution in communication, information gathering, video, photography, music
- new ways to collaborate
- balance knowledge and info

## Playing with rules

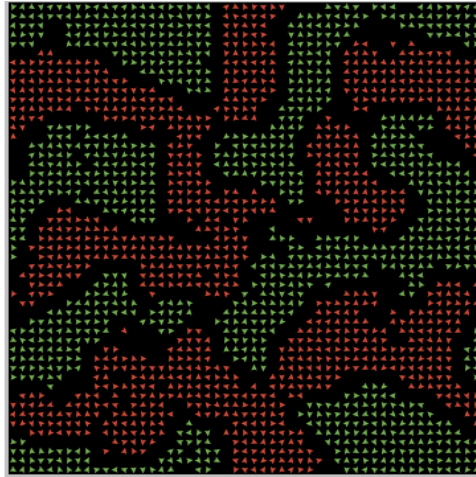




## curriculum

- blurring boundaries
- change what is possible to talk (and think) about
- new ways to represent knowledge

a model to think with



## complexity

- rethinking hierarchy
- complexity inheres in representation

Global Warming Nutshell

http://www.appinsys.com/GlobalWarming/CW\_SimplifiedNutshell.htm

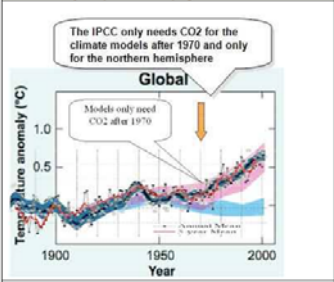
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Global Warming Nutshell

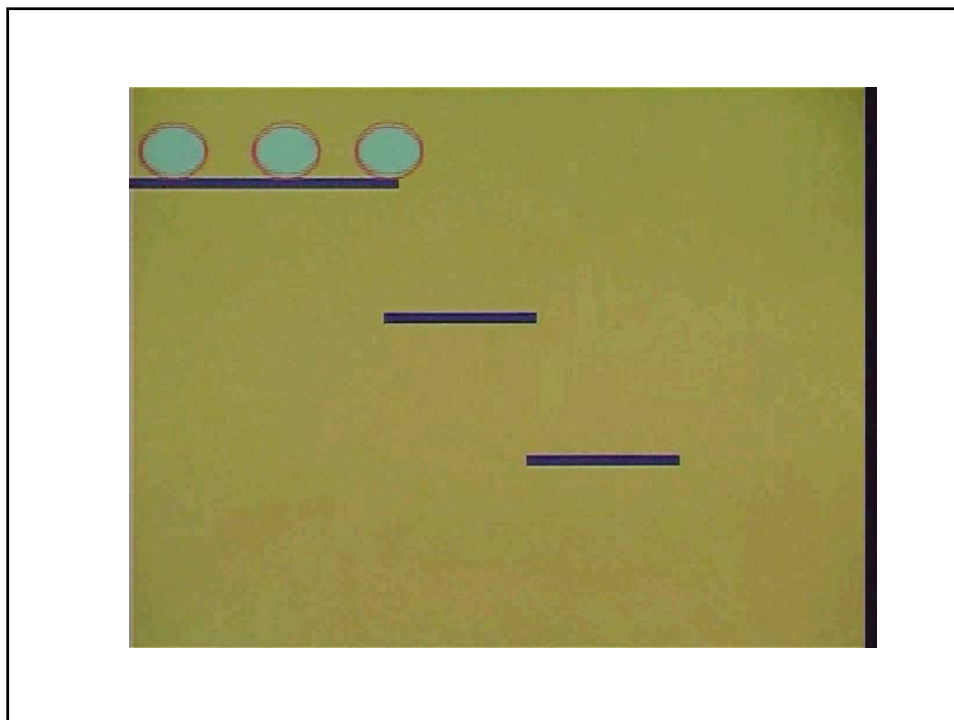
www.appinsys.com/GlobalWarming

**Global Warming – the Short Version of Why the Anthropogenic CO2 Theory is Wrong**

[last update: 2009/03/21]

Models Only Require Anthropogenic CO2 After 1970	
	<p>The media stories often report temperature increases over the last century and attribute it to anthropogenic (human caused) CO2 based global warming. The official position of the IPCC, however, is that anthropogenic CO2 has only caused warming since 1970.</p> <p>This figure shows the IPCC model simulations (IPCC figure SPM-4 in the 2007 AR4 Summary for Policy Makers). The blue band shows the results of model simulations using only natural forcings. The pink band shows the results of model simulations including anthropogenic CO2. All of the warming in the 1900s prior to 1970 can be modeled with natural causes only – i.e. anthropogenic CO2 only has an effect in the models after 1970.</p> <p>Even though the IPCC released this figure in 2007, it only shows temperatures up to the year 2000. The reason why is examined in an item below.</p> <p>There is <u>no</u> empirical evidence of CO2 causing global warming – the <u>only</u> evidence is the output of computer models – Global Circulation Models (GCMs).</p> <p>See also: <a href="http://www.appinsys.com/GlobalWarming/gw_nutshell.htm">http://www.appinsys.com/GlobalWarming/gw_nutshell.htm</a></p>

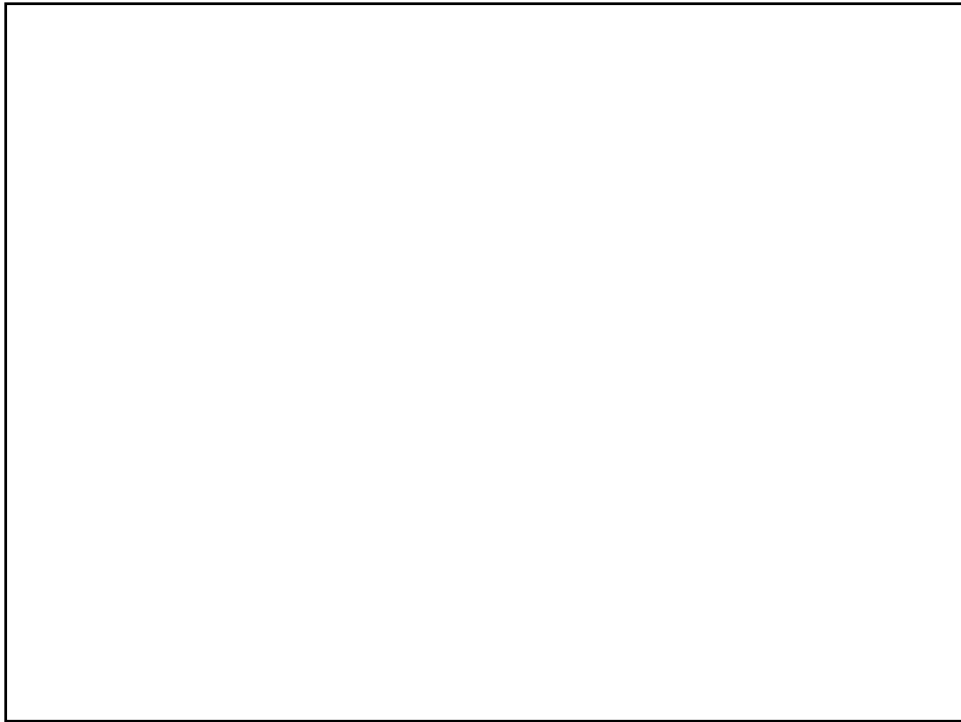
**“There is no empirical evidence of CO2 causing global warming – the only evidence is the output of computer models...”**



# creativity

- experimentation
- exploration
- emotion





Whose game did you like best, Ajmina?



interesting  
difficult  
easy to change

